



PROJECT: Dune Acres, Indiana

AUTHORITY: Section 14, Flood Control Act of 1946, as amended (P.L. 79-526)

TYPE: Emergency Streambank and Shore Protection Project

PROJECT DESCRIPTION: A lakefront road in the community of Dune Acres is built on a moderately high bluff near to and parallel to the shoreline. The bluff toe is seriously threatened by shore erosion during high lake level periods. If the bluff is undermined, the road will be lost and all vehicular access to several homes in the community will be lost, with no alternative access route available. The bluff toe has been partially protected by home owners, but the measures taken have not been effective. The project will consist of a rubblemound revetment, approximately 600-feet long, at the toe of the bluff. This project will augment local measures already taken.

CURRENT STATUS: The Preliminary Design Analysis was approved at District level and submitted to Division in FY 01. The local interest (Town of Dune Acres) have agreed to act as local sponsor for the project, and have indicated their understanding and acceptance of project cost sharing and maintenance responsibilities. The project is feasible, with an estimated first cost of \$194,880, and an average annual cost of \$14,270 (Dec 1999 price level, FDR 6-5/8%). Average annual benefits are \$27,200, for a benefit-cost ratio of 1.9.

PLANNED WORK:

FY 01 Complete Plans and Specifications
Complete project construction.

FY02 None

PROJECT COST: \$194,880 Construction; \$14,270 (Average Annual)

BENEFITS: \$27,200 (Average Annual)

LOCAL SPONSOR: Town of Dune Acres, Indiana

ISSUES/CONCERNS: None

PROJECT MANAGER: Mike Fisher